

SEQUENCE LISTING

<110> Loren J. Miraglia
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 Mark J. Graham
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 Erich Koller
 MingYi Chiang
 Mano Manoharan

<120> Antisense Modulation of mdm2 expression.

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<151> 1998-03-26

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aaggaaactg gggagtcttg agggaccccc gactccaagc gcgaaaaccc cggatggtga 300
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aaa gag cac agg aaa ata tat acc atg atc tac agg aac ttg gta gta Lys Glu His Arg Lys Ile Tyr Thr Met Ile Tyr Arg Asn Leu Val Val	95	100	105	638
gtc aat cag cag gaa tca tcg gac tca ggt aca tct gtg agt gag aac Val Asn Gln Gln Glu Ser Ser Asp Ser Gly Thr Ser Val Ser Glu Asn	110	115	120	686
agg tgt cac ctt gaa ggt ggg agt gat caa aag gac ctt gta caa gag Arg Cys His Leu Glu Gly Gly Ser Asp Gln Lys Asp Leu Val Gln Glu	130	135	140	734
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Lys Asn Gly Cys Ile Val His Gly Lys Thr Gly His Leu Met Ala Cys	
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Ser Gln Ile Pro Ala Ser Glu Gln Glu Thr Leu Val Arg Pro Lys Pro
20 25 30

ttg ctt ttg aag ttg tta aag tcc gtt gga gcg caa aac gac act tac 144
Leu Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Asn Asp Thr Tyr
35 40 45

act atg aaa gag att ata ttt tat att ggc cag tat att atg act aag 192
Thr Met Lys Glu Ile Ile Phe Tyr Ile Gly Gln Tyr Ile Met Thr Lys
50 55 60

agg tta tat gac gag aag cag cag cac att gtg tat tgt tca aat gat 240
Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val Tyr Cys Ser Asn Asp
65 70 75 80

ctc cta gga gat gtg ttt gga gtc ccg agt ttc tct gtg aag gag cac 288
Leu Leu Gly Asp Val Phe Gly Val Pro Ser Phe Ser Val Lys Glu His
85 90 95

agg aaa ata tat gca atg atc tac aga aat tta gtg gct gta agt cag 336
Arg Lys Ile Tyr Ala Met Ile Tyr Arg Asn Leu Val Ala Val Ser Gln
100 105 110

caa gac tct ggc aca tcg ctg agt gag agc aga cgt cag cct gaa ggt 384
Gln Asp Ser Gly Thr Ser Leu Ser Glu Ser Arg Arg Gln Pro Glu Gly

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Gly	Ser	Asp	Leu	Lys	Asp	Pro	Leu	Gln	Ala	Pro	Pro	Glu	Glu	Lys	Pro	
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Ser	Ser	Ser	Asp	Leu	Ile	Ser	Arg	Leu	Ser	Thr	Ser	Ser	Arg	Arg	Arg	
145					150					155					160	
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Ser	Ile	Ser	Glu	Thr	Glu	Glu	Asn	Thr	Asp	Glu	Leu	Pro	Gly	Glu	Arg	
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cac	cgg	aag	cgc	cgc	agg	tcc	ctg	tcc	ttt	gat	ccg	agc	ctg	ggt	ctg	576
His	Arg	Lys	Arg	Arg	Arg	Ser	Leu	Ser	Phe	Asp	Pro	Ser	Leu	Gly	Leu	
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Cys	Glu	Leu	Arg	Glu	Met	Cys	Ser	Gly	Gly	Ser	Ser	Ser	Ser	Ser	Ser	
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Ser	Ser	Ser	Glu	Ser	Thr	Glu	Thr	Pro	Ser	His	Gln	Asp	Leu	Asp	Asp	
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Gly	Val	Ser	Glu	His	Ser	Gly	Asp	Cys	Leu	Asp	Gln	Asp	Ser	Val	Ser	
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Asp	Gln	Phe	Ser	Val	Glu	Phe	Glu	Val	Glu	Ser	Leu	Asp	Ser	Glu	Asp	
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Tyr	Ser	Leu	Ser	Asp	Glu	Gly	His	Glu	Leu	Ser	Asp	Glu	Asp	Asp	Glu	
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Val	Tyr	Arg	Val	Thr	Val	Tyr	Gln	Thr	Gly	Glu	Ser	Asp	Thr	Asp	Ser	
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Trp	Thr	Leu	Arg	Glu	Asn	Trp	Leu	Pro	Asp	Asp	Lys	Gly	Lys	Asp	Lys	
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Val	Glu	Ile	Ser	Glu	Lys	Ala	Lys	Leu	Glu	Asn	Ser	Ala	Gln	Ala	Glu	
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agc att gtt tat agc agc caa gaa agc gtg aaa gag ttg aag gag gaa Ser Ile Val Tyr Ser Ser Gln Glu Ser Val Lys Glu Leu Lys Glu Glu 405 410 415	1248
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atc gaa cca tgt gtg atc tgc cag ggg cgg cct aaa aat ggc tgc att Ile Glu Pro Cys Val Ile Cys Gln Gly Arg Pro Lys Asn Gly Cys Ile 435 440 445	1344
gtt cac ggc aag act gga cac ctg atg tca tgt ttc acg tgt gca aag Val His Gly Lys Thr Gly His Leu Met Ser Cys Phe Thr Cys Ala Lys 450 455 460	1392
aag cta aaa aaa aga aac aag ccc tgc cca gtg tgc aga cag cca atc Lys Leu Lys Lys Arg Asn Lys Pro Cys Pro Val Cys Arg Gln Pro Ile 465 470 475 480	1440
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